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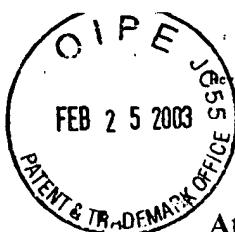
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Attorney Docket No. 8325-2001.30

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PATENT

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By: Diane Kizer
Diane Kizer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of CHOO et al.

Serial No.: 10/033,129

Examiner: T. McKelvey

Confirmation No.: 1808

Art Unit: 1636

Filed: December 27, 2001

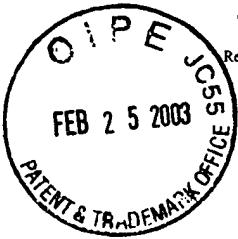
For: BINDING PROTEINS FOR RECOGNITION OF DNA

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- In accordance with 37 C.F.R. §1.97(c), also enclosed is:
 - the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
 - a statement as specified in 37 C.F.R. §1.97(e).
- In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. §1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- Check No. _____ in the amount of \$ 180.00 for the total fee is attached.
- A return receipt postcard is also enclosed.



Rev. 03/09/2002

Attorney Docket No. 8325-0002.21

Serial No. 09/942,087

Page 2

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The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

Dated: 20 Feb 03

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Respectfully submitted,
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Attorney Docket No. 8325-2001.30

PATENT

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By: 
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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For: BINDING PROTEINS FOR RECOGNITION OF DNA

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- Enclosed is a copy of a non-English publication (EP 875 567). English language publication (6,160,091) (copy enclosed) claims priority from the same PCT application as this non-English publication.
- An explanation of non-English publication (WO 96/11267) for which an English translation is not available is as follows:

WO 96/11267 relates to a DNA sequence from the cervical carcinoma cell line E180 which encodes a zinc finger protein. WO 96/11267 discloses both the nucleic acid sequence and the encoded amino acid sequence of the zinc finger protein. Additionally, the reference relates to the use of the disclosed zinc finger protein in a diagnostic capacity. Specifically, the affinity of the disclosed zinc finger protein for a target DNA sequence is described. Applicants also direct the Examiner's attention to the English language abstract on the cover page of WO 96/11267.

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Rev. 03/09/2002

Attorney Docket No. 8325-2001.30

Serial No. 10/033,129

Page 2

- Enclosed is an English translation of non-English publication(s) ___ cited in the attached Form PTO/SB/08A.
- Enclosed is a copy of pending patent Application Serial No. ____.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

- a notice of allowance under 37 C.F.R. §1.311.

In accordance with 37 C.F.R. §1.97(c) also enclosed is:

- Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 20 Feb 03

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PTO FORM 1449

Attorney Docket No.
G1-US3
(8325-2001.30)U.S. Serial No.
10/033,129

Applicant: CHOO et al.

Filing Date: December 27, 2001

Group Art Unit 1636

Examiner: T. McKelvey

U.S. PATENTS

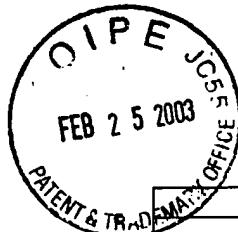
Ex'r Initials	Ref No.	Document No.	Date	Name	Class	Subclass	Filed
	A-1	4,990,607	February 5, 1991	Katagiri et al.			
	A-2	5,096,814	March 17, 1992	Aivasidis et al.			
	A-3	5,096,815	March 17, 1992	Ladner et al.			
	A-4	5,198,346	March 30, 1993	Ladner et al.			
	A-5	5,223,409	June 29, 1993	Ladner et al.			
	A-6	5,243,041	September 7, 1993	Fernadez-Pol			
	A-7	5,302,519	April 12, 1994	Blackwood et al.			
	A-8	5,324,638	June 28, 1994	Tao et al.			
	A-9	5,324,818	June 28, 1994	Nabel et al.			
	A-10	5,324,819	June 28, 1994	Oppermann et al.			
	A-11	5,340,739	August 23, 1994	Stevens et al.			
	A-12	5,348,864	September 20, 1994	Barbacid et al.			
	A-13	5,350,840	September 27, 1994	Call et al.			
	A-14	5,356,802	October 18, 1994	Chandrasegaran			
	A-15	5,376,530	December 27, 1994	De The et al.			
	A-16	5,403,484	April 4, 1995	Ladner et al.			
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	A-19	5,498,530	March 12, 1996	Schatz et al.			
	A-20	5,578,483	November 26, 1996	Evans et al.			
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	A-28	5,869,618	February 9, 1999	Lippman et al.			
	A-29	5,871,902	February 16, 1999	Weininger et al.			
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	A-35	6,007,988	December 28, 1999	Choo et al.			
	A-36	6,013,453	January 11, 2000	Choo et al.			
	A-37	6,160,091	December 12, 2000	Peukart et al.			

FOREIGN PATENT DOCUMENTS

Ex'r Initials	Ref No.	Document No.	Published	Country	Class	Subclass	Translation YES NO
	B-1	WO 92/02536	February 20, 1992	PCT			
	B-2	WO 95/11922	May 4, 1995	PCT			
	B-3	WO 95/19431	July 20, 1995	PCT			
	B-4	WO 96/06110	February 29, 1996	PCT			

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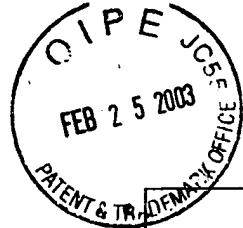
B-5	WO 96/06166	February 29, 1996	PCT			
B-6	WO 96/11267	April 18, 1996	PCT			
B-7	WO 96/20951	July 11, 1996	PCT			
B-8	WO 96/32475	October 17, 1996	PCT			
B-9	WO 97/27212	July 31, 1997	PCT			
B-10	WO 97/27213	July 31, 1997	PCT			
B-11	WO 98/53057	November 26, 1998	PCT			
B-12	WO 98/53058	November 26, 1998	PCT			
B-13	WO 98/53059	November 26, 1998	PCT			
B-14	WO 98/53060	November 26, 1998	PCT			
B-15	WO 98/54311	December 3, 1998	PCT			
B-16	WO 99/36553	July 22, 1999	PCT			
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B-19	WO 99/45132	September 10, 1999	PCT			
B-20	WO 99/47656	September 23, 1999	PCT			
B-21	WO 99/48909	September 30, 1999	PCT			
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B-23	WO 00/27878	May 18, 2000	PCT			
B-24	WO 00/41566	July 20, 2000	PCT			
B-25	WO 00/42219	July 20, 2000	PCT			
B-26	EP 0 875 567	April 8, 1998	EPO			

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	C-2	Antao et al., "A Thermodynamic Study of Unusually Stable RNA and DNA Hairpins," <i>Nuc. Acids. Res.</i> 19(21):5901-5905 (1991)
	C-3	Barbas, C. F., "Recent Advances in Phage Display," <i>Curr. Opin. Biotech.</i> 4:526-530 (1993)
	C-4	Barbas et al., "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site," <i>PNAS</i> 88:7978-7982 (1991)
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	C-7	Beerli et al., "Positive and negative regulation of endogenous genes by designed transcription factors," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 97:1495-1500 (2000)
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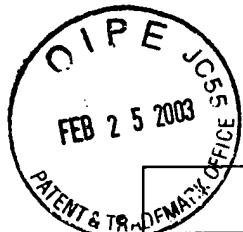
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C-14	Blaese et al., "Vectors in Cancer Therapy: How Will They Deliver?," <i>Cancer Gene Therapy</i> 2(4):291-297 (1995)
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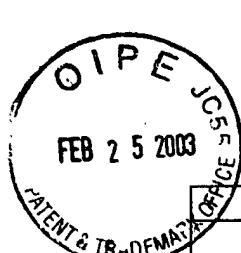
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	C-40	Dibello et al., "The Drosophila Broad-Complex Encodes a Family of Related Proteins Containing Zinc Fingers," <i>Genetics</i> 129:385-397 (1991) TECH CENTER 1600/2900
	C-41	Donze et al., "Activation of delta-globin gene expression by erythroid Kruppel-like factor: a potential approach for gene therapy of sickle cell disease," <i>Blood</i> 88:4051-4057 (1996)
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	C-65	Jamieson et al. "A Zinc Finger Directory for High-Affinity DNA Recognition," <i>PNAS</i> <u>93</u> :12834-12839 (1996)
	C-66	Jamieson et al., "In Vitro Selection of Zinc Fingers with Altered DNA-Binding Specificity" <i>Biochemistry</i> <u>33</u> :5689-5695 (1994)
	C-67	Jones et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse" <i>Nature</i> <u>321</u> :522-525 (1986)
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